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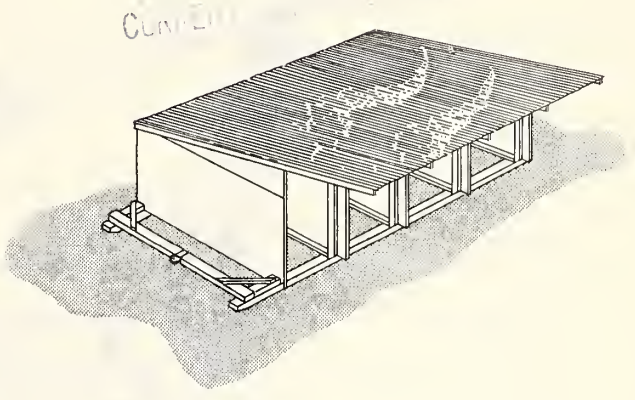
Calf Housing—Unheated Shelters

COOPERATIVE FARM BUILDING PLAN EXCHANGE

PLAN NUMBERS 6271, 6301, 6302

JUL 27 '81



Given dry, protected resting areas, dairy calves can be successfully reared under outside environmental conditions in most of the United States.

Plan 6271, "Cold-Calf Housing—Individual Confinement," incorporates many of the design and management features common to functional cold housing systems for calves. The plan shows a pen closed on three sides to a height of about 4 feet; the pen may also include an individual exercise run. This plan is for a nonmobile, multiple-pen structure with a utility room leading to the service alley. Both the pens and the runs have removable partitions.

Plan 6301, "Calf Hutch with Movable Paddock," shows a free-standing hutch that can be moved. This feature reduces the potential for disease, because the calf hutch can be moved from a soiled paddock to a clean area.

When the closed hutch is coupled with an open paddock, calves can freely choose either sun or shade. A hinged panel at the closed end of the hutch provides greater summer ventilation than a hutch without such a feature.

Because the four-calf unit in Plan 6302, "Solar Calf Kennel," is too large for lifting by tractor loader, it is mounted on wooden skids for towing to a new site. Before the pens are relocated, local sun angles should be checked to permit full sun exposure in the winter and adequate shading in the summer.

Complete working drawings may be obtained from the Extension agricultural engineer at your State land-grant university. A small charge may be made to cover cost of printing.

If you do not know the location of your State land-grant university, send your request to Agricultural Engineer, Extension, Science and Education Administration, U.S. Department of Agriculture, Washington, D.C. 20250. Your request will be forwarded to the appropriate university.

Order Plan Nos. 6271, "Cold-Calf Housing—Individual Confinement"; 6301, "Calf Hutch with Movable Paddock"; and 6302, "Solar Calf Kennel."

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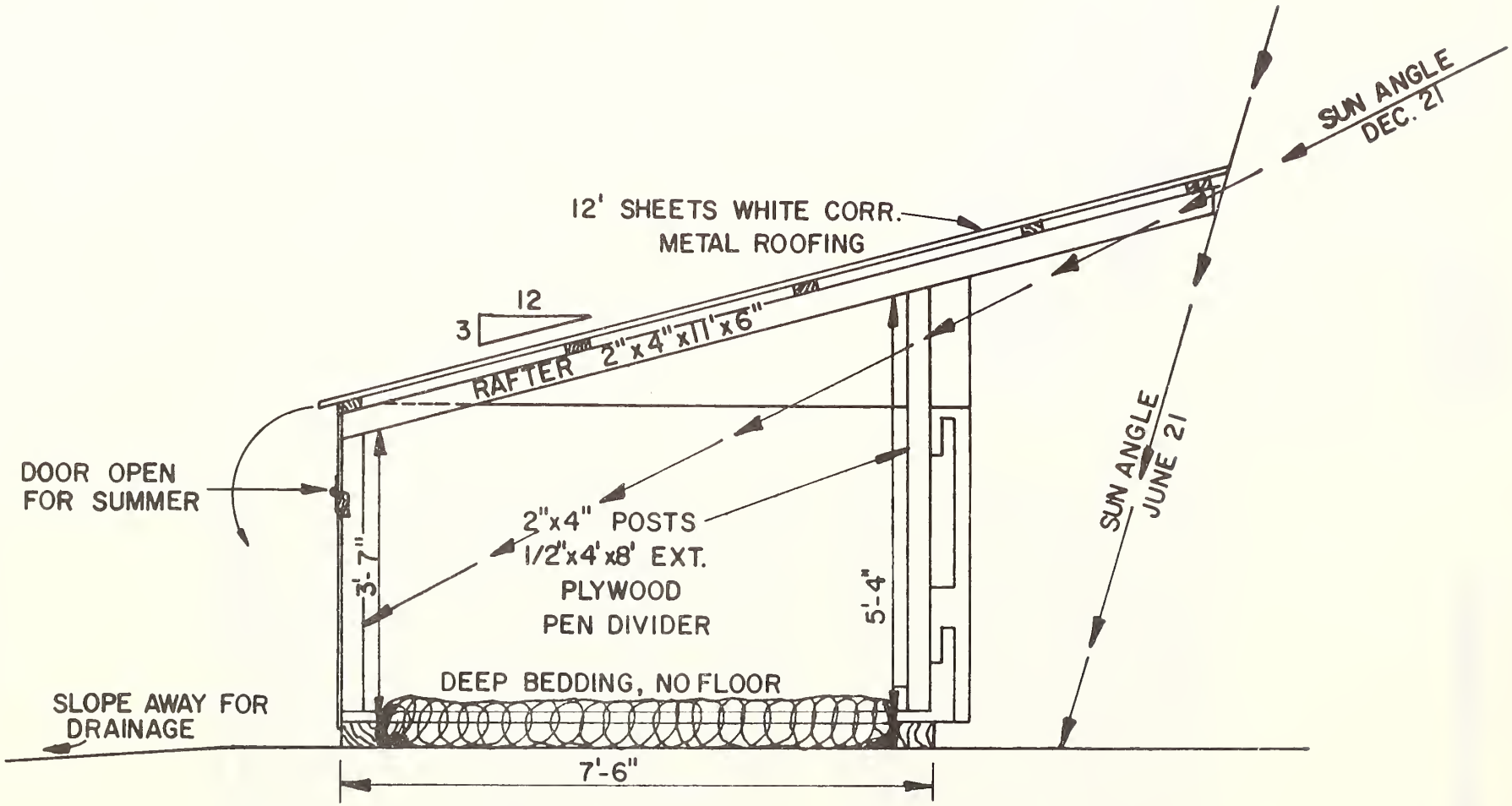

CROSS SECTION